

**C20: MEDICINE, DISEASE AND SOCIETY  
FROM ANTIQUITY TO THE RENAISSANCE  
2003-2004**

**Professor Vivian Nutton**

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**Office Hours:  
Tuesdays 2-3pm**

This course will consist of 21 lectures. Assessment will be in the form of:

- two essays: (1) 4-6 pages (10% of final grade), due in on **Tuesday 11 November 2003**  
(2) 8-10 pages (30% of final grade), due in on **Monday 12 January 2004**
- an exam comprising 4 essay-style questions (60% of final grade)

**Part I: Antiquity**

26	September	Introduction
30	September	Early Greek Medicine
3	October	Hippocratic Theories
8	October	Professionalism and Plato
10	October	<b>No Lecture</b>
14	October	Alexandrian Anatomy
17	October	Greek Medicine Comes to Rome
21	October	From Celsus to Rufus
24	October	Galen of Pergamum (1)
28	October	Galen of Pergamum (2)
31	October	After Galen
<b>4</b>	<b>November</b>	<b>Reading Week</b>

**All lectures will be given at 11am on Tuesdays and Fridays in the Lecture Room.**

- \*\*\* Items marked with three asterisks should, if possible, be bought, and must be read.
  - \*\* Items marked with two asterisks must be read, and knowledge of their general theses will be assumed in the final examination.
  - \* Items marked with one asterisk are strongly recommended.
- Items with no asterisk are worth consulting, particularly as material for your essays. They may also usefully duplicate starred items when they are not immediately available.

For Wellcome pressmarks of books, see the Bibliography of Books. In many instances, additional photocopies of articles are available in the Student Loan Collection. In these cases, the pressmark is given in square brackets after each citation.

### **General Surveys of Ancient Science**

- \* Lloyd, *Early Greek Science*
- \* Lloyd, *Greek Science after Aristotle*
- Lindberg, *Beginnings of Western Science*, 1-147

### **General Surveys of Ancient Medicine**

- \*\*\* Conrad et al., *Western Medical Tradition*, chps 1-3
- \*\* Longrigg, *Greek Medicine: From the Heroic to the Hellenistic Age*
- \* King, *Greek and Roman Medicine*

### **Early Greek Medicine**

#### *Primary Sources:*

Kirk, et al., *The Presocratic Philosophers*

#### *Secondary Sources:*

- \* Lloyd, *Early Greek Science*, chps 1, 2 and 4
- \* Longrigg, *Greek Rational Medicine*, chps 1-3
- Temkin, *Double Face of Janus*, 137-153
- Hall, *History of General Physiology*, chps 2-5
- James Longrigg, 'Medicine in the Classical World', in Loudon, *Western Medicine*, 25-39
- James Longrigg, 'Presocratic Philosophy and Hippocratic Medicine', *History of Science*, 27, 1989, 1-38
- Harris, *The Heart and the Vascular System*, chp. 1
- G.E.R. Lloyd, 'Alcmaeon and the Early History of Dissection', *Sudhoffs Archiv*, 1975, 59: 113-147 [reprinted in Lloyd, *Methods and Problems in Greek Science*, 164-193]
- Lloyd, *Magic, Reason and Experience*, 15-29, 37-49, 146-68, 234-40
- Lloyd, *Polarity and Analogy*, 321-340
- Lloyd, *Revolutions of Wisdom*, chp. 3

### **Hippocratic Medicine**

#### *Primary Sources:*

There is no complete translation of the Hippocratic Corpus into English, but the main texts can be found in:

- \* Hippocratic Writings
  - Hippocrates, The Loeb series (8 vols).
- English titles differ between the two, see hand-out.

#### *Secondary Sources:*

- \*\* Hippocrates, *Hippocratic Writings*, introduction by Lloyd
- \* Lloyd, *Early Greek Science*, chp. 5
- Lloyd, *Science, Folklore, and Ideology*, section 3
- \* Longrigg, *Greek Rational Medicine*, chp. 4
- Phillips, *Greek Medicine*, chps 3-4
- Edelstein, *Ancient Medicine*, 3-111; 173-191
- Heinrich von Staden, *Character & Competence. Personal & Professional Conduct in Greek Medicine, Médecine et Moralé dans L'antiquité*, ed. Hellmut Flashar & Jacques Jouanna, (Geneva, Foundation Hardt, 1997), 157-195.
- V Nutton, *Hippocratic Morality and Modern Medicine* (in same vol.) 31-56.
- J. Jouanna, *Hippocrates, 1999* (covers far more than the title suggests)

H. King, *Hippocrates Woman*, 1998

## **Plato**

*Primary Sources:*

\* Plato, *Timaeus*

*Secondary Sources:*

\* Lloyd, *Early Greek Science*, chp. 6

\* Longrigg, *Greek Rational Medicine*, chp. 5

G.E.R. Lloyd, 'Plato as a Natural Scientist', *Journal Hellenic Studies*, 1968, 88: 78-92 [C20/LLO]

## **Aristotle**

*Primary Sources:*

Brock, *Greek Medicine*, 108-111

Cohen and Drabkin, *A Source Book in Greek Science*, 400-437

*Secondary Sources:*

\* Longrigg, *Greek Rational Medicine*, chp. 6 (for Aristotelian biology)

Harris, *The Heart and the Vascular System*, 121-143 (for Aristotelian anatomy)

Louis Bourgey, 'Observation and Experiment in Analogical Explanation', in Barnes et al., *Aristotelian Science*, 175-182 (for Aristotelian science)

## **The Greek Physician**

\* Fridolf Kudlien, 'Medical Ethics and Popular Ethics in Greece and Rome', *Clio Medica*, 1970, 5: 91-121 [C20/KUD]

\* Vivian Nutton, 'Beyond the Hippocratic Oath', in Wear et al., *Doctors and Ethics*, 10-37

\* Vivian Nutton, 'The Drug Trade in Antiquity', *Proceedings of the Royal Society of Medicine*, 1985, 78: 138-145 [reprinted in Nutton, *From Democedes to Harvey*, chp. 9]

\* Vivian Nutton, 'Murders and Miracles', in Porter, *Patients and Practitioners*, 23-53 [reprinted in Nutton, *From Democedes to Harvey*, chp. 8]

\* Vivian Nutton, 'Healers in the Medical Market Place: Towards a Social History of Graeco-Roman Medicine', in Wear, *Medicine and Society*, 15-58

Edelstein, *Ancient Medicine*, 319-391

Cohn-Haft, *Public Physicians of Ancient Greece*, 61-67

## **Alexandria**

*Primary Sources:*

\* Celsus, *On Medicine*, vol. 1, 3-35

\* von Staden, *Herophilus: The Art of Medicine in Early Alexandria*

*Secondary Sources:*

\* Longrigg, *Greek Rational Medicine*, chp. 6

\* James Longrigg, 'Alexandrian Medical Science', *History of Science*, 1981, 19: 155-206

\* James Longrigg, 'Anatomy in Alexandria in the Third Century BC', *British Journal for the History of Science*, 1988, 21: 455-488

\* Heinrich von Staden, 'Experiment and Experience', *Bulletin of the Institute of Classical Studies*, 1975, 22: 178-199 [C20/STA]

Edelstein, *Ancient Medicine*, 247-300

Harris, *The Heart and the Vascular System*, 177-233

Paul Potter, 'Herophilus of Chalcedon: An Assessment of his Place in the history of Anatomy', *Bulletin of the History of Medicine*, 1976, 50: 45-60

von Staden, *Herophilus*, chp. 6

Wesley D. Smith, 'Erasistratus' Dietetic Medicine', *Bulletin of the History of Medicine*, 1982, 56: 398-409

Fraser, *Ptolemaic Alexandria*, 364-69

## **Roman Medicine**

*Primary Sources:*

Pliny, *Natural History*, vol. 29, pp.182-201

Soranus, *Gynaecology*

Rufus, *Medical Questions*, in Brock, *Greek Medicine*, 113-124

Dioscorides, *On Pharmacy and Medicine*

*Secondary Sources:*

\*\*\* Conrad et al., *Western Medical Tradition*, 39-58

\* Lloyd, *Science, Folklore and Ideology*, 168-200 (for Soranus)

\* Fridolf Kudlien, 'Medical Ethics and Popular Ethics in Greece and Rome', *Clio medica*, 1970, 5: 91-121 (for Cato) [C20/KUD]

\* French, *Ancient Natural History: Histories of Nature* (for Pliny)

Vivian Nutton, 'The Perils of Patriotism', in French and Greenaway, *Science in the Early Roman Empire*, 30-58 [reprinted in Nutton, *From Democedes to Harvey*, chp. 7] (for Pliny)

Edelstein, *Ancient Medicine*, 173-191 (for Asclepiades)

Rawson, *Intellectual Life in the Late Roman Republic*, chp. 12 (for Asclepiades)

Elizabeth Rawson, 'The Life and Death of Asclepiades of Bithynia', *Classical Quarterly*, 1988, ns 32: 358-370

Vallance, *The Lost Theory of Asclepiades of Bithynia*, introduction and 123-148

Heinrich von Staden, *Celsus as Historian?*, in P.J. Van der Eijk, *Ancient History of Medicine*, 1999, 251-294

I.E. Drabkin, 'Soranus and his System of Medicine', *Bulletin of the History of Medicine*, 1951, 20: 503-518 [C20/DRA]

Jackson, *Doctors and Diseases in the Roman Empire*

W. Haase, *Aufstieg und Niedergang der römischen Welt*, vol. 37 (in Part 1, articles by Nutton, Jackson, Riddle and Vallance. In Part 2, articles by García-Ballester and Hankinson. In Part 3, articles by Jackson, Amundsen and Ferngren)

## **Galen**

*Primary Sources:*

\* Brock, *Greek Medicine*, 131-244

\* Galen, *Selected Works*, esp. 3-34 and 345-396

\* Galen, *On the Usefulness of the Parts*, vol. I, 67-91, 278-307, 326-331

Galen, *On Prognosis*

Galen, *On the Therapeutic Method*

*General Secondary Sources:*

\*\*\* Conrad et al., *Western Medical Tradition*, 58-70

\* Lloyd, *Greek Science after Aristotle*, chp. 9

\* Smith, *Hippocratic Tradition*, 61-122

*Secondary Sources:*

\* Temkin, *Galenism: Rise and Decline of a Medical Philosophy*, 10-57

Stanley W. Jackson, 'Galen on Mental Disorders', *Journal of the History of the Behavioural Sciences*, 1969, 365-384 [C21/JAC]

Owsei Temkin, 'On Galen's Pneumatology', *Gesnerus*, 1951, 180-89 [reprinted in Temkin, *Double Face of Janus*, 154-161 and C20/TEM]

Harris, *The Heart and the Vascular System*, 266-431

Lloyd, *Problems and Methods in Greek Science*, 398-416

## **Medicine after Galen**

\* Nutton, *From Democedes to Harvey*, chp. 10

Temkin, *Double Face of Janus*, chp. 11 and 202-222

Temkin, *Hippocrates in a World of Pagans and Christians*

All books listed below should be in the Wellcome Library's Historical Collection. Many of them are also available in the Student Loan Collection. Copies of some of the material relating to ancient medicine also can be found in the classics section of UCL library, or the Warburg Institute Library, which also holds a substantial amount relating to medieval and renaissance medicine.

### BIBLIOGRAPHY OF BOOKS: ANTIQUITY

- Barnes, Jonathan, et al., *Aristotelian Science* (London: Duckworth, 1975)  
Historical Coll.: BH/ART
- Brock, Arthur J., *Greek Medicine* (London: J.M. Dent, 1929)  
Student Loan: /BRO. Historical Collection: BJK/BRO
- Celsus, *On Medicine*, trans. W.G. Spencer, (London: Heineman, 1933-38)  
Historical Coll: BK/CEL
- Cohen, Morris R. and I.E. Drabkin, *A Source Book in Greek Science* (New York: McGraw-Hill, 1948). Historical Coll.: BH/COH
- Cohn-Haft, Louis, *The Public Physicians of Ancient Greece* (Northampton, Mass.: Smith College History Dept, 1956). Historical Coll.: BH/COH
- Conrad, Lawrence I., et al., *The Western Medical Tradition, 800BC-1800AD* (Cambridge: Cambridge University Press, 1995)  
Student Loan: CON. Historical Coll.: BA/WES
- Dioscorides, *On Pharmacy and Medicine*, ed. and trans. John M. Riddle (Austin: University of Texas Press, 1985).  
Historical Coll.: IB.AA1
- Edelstein, Ludwig, *Ancient Medicine: Selected Papers Edited by O. Temkin and C.L. Temkin* (Baltimore: The Johns Hopkins University Press, 1967)  
Student Loan: /EDE. Historical Coll.: BH.AH
- Flashar, H. Jouanna, J. Ed, *Medecine et Morale dans L'Antiquité* (Geneva; Foundation Hardt, 1997). Historical Coll: BJ/FLA
- Fraser, P.M. *Ptolemaic Alexandria* (Oxford: Clarendon Press, 1972). Historical Coll.: BJK/FRA
- French, Roger, *Ancient Natural History: Histories of Nature* (London: Routledge, 1994)  
Historical Coll.: AN.AA1
- French, Roger, and Frank Greenaway (eds), *Science in the Early Roman Empire: Pliny the Elder, his Sources and his Influence* (London: Croom Helm, 1986)  
Historical Coll.: AB.AA1
- Galen, *On Prognosis*, trans. and intro. by Vivian Nutton (Berlin: Akademie Verlag, 1979)
- Galen, *On the Therapeutic Method*, trans. intro. and comm. by R.J. Hankinson (Oxford: Clarendon Press, 1993).  
Historical Coll.: BJK/GAL
- Galen, *On the Usefulness of the Parts of the Body*, trans., intro. and comm. by Margaret Tallmadge May, 2 vols (Ithaca, NY: Cornell University Press, 1968)  
Historical Coll.: DE.AA1
- Galen, *Selected Works*, trans. with intro. and notes by P.N. Singer (Oxford: Oxford University Press, 1997).  
Student Loan: /GAL
- Haase, Wolfgang and Hildegard Temporini (ed.), *Aufstieg und Niedergang der römischen Welt*, vol. 37 (Berlin: De Gruyter, 1993). Historical Coll.: BK/AUF
- Hall, Thomas S., *History of General Physiology* (Chicago: University of Chicago Press, 1975)
- Harris, C.R.S., *The Heart and the Vascular System* (Oxford: Clarendon Press, 1973)  
Student Loan: HAR. Historical Coll.: OO.AA1
- Hippocratic Writings*, ed. and intro. by G.E.R. Lloyd, trans. J. Chadwick et al. (Harmondsworth: Penguin, 1978).  
Student Loan: /HIP
- Jackson, Ralph, *Doctors and Diseases in the Roman Empire* (London: British Museum, 1988)  
Student Loan: JAC Historical. Historical Coll.: BK/JAC
- Jouanna J, Hippocrates, (Baltimore: Johns Hopkins University Press, 1999) Historical coll. BJK/JOU
- King, H., *Greek and Roman Medicine* (Bristol: Bristol Classical Press, 2001) Historical Coll.: BJK/KIN
- King, H., *Hippocrates' Woman: Reading the Female body in Ancient Greece* (London: Routledge, 1998) Historical Coll: BJ/KIN
- Kirk, G.S., et al., *The Presocratic Philosophers: A Critical History with a Selection of Texts*, 2<sup>nd</sup> ed. (Cambridge: Cambridge University Press, 1983)  
Historical Coll.: BI/KIR in catalogue; BI/KIR and BI/PRE on shelf
- Lindberg, David C., *The Beginnings of Western Science* (Chicago: University of Chicago Press, 1992). Historical Coll.: AB/LIN

- Lloyd, G.E.R., *Early Greek Science: Thales to Aristotle* (London: Chatto and Windus, 1970)  
Student Loan: /LLO. Historical Coll.: BH/LLO
- Lloyd, G.E.R., *Greek Science after Aristotle* (London: Chatto and Windus, 1973)  
Student Loan: /LLO. Historical Coll.: BH/LLO
- Lloyd, G.E.R., *Magic, Reason and Experience: Studies in the Origin and Development of Greek Science* (Cambridge: Cambridge University Press, 1979)  
Student Loan: /LLO, Historical Coll.: BH/LLO
- Lloyd, G.E.R., *Methods and Problems in Greek Science* (Cambridge: Cambridge University Press, 1994). Student Loan: /LLO. Historical Coll.: BH/LLO
- Lloyd, G.E.R., *Polarity and Analogy* (Cambridge: Cambridge University Press, 1966)
- Lloyd, G.E.R., *Problems and Methods in Greek Science* (Cambridge: Cambridge University, 1991). Student Loan: /LLO. Historical Coll.: BH/LLO
- Lloyd, G.E.R., *Science, Folklore, and Ideology: Studies in the Life Sciences in Ancient Greece* (Cambridge: Cambridge University Press, 1983), Student Loan: /LLO. Historical Coll.: BH/LLO
- Lloyd, G.E.R., *The Revolutions of Wisdom: Studies in the Claims and Practice of Greek Science* (Berkeley: University of California Press, 1987), Student Loan: /LLO. Historical Coll.: BH/LLO
- Longrigg, James, *Greek Medicine: From the Heroic to the Hellenistic Age* (London: Duckworth, 1998). Historical Coll.: BH/LON
- Longrigg, James, *Greek Rational Medicine: Philosophy and Medicine from Alcmeon to the Alexandrians* (London: Routledge, 1993). Student Loan: /LON. Historical Coll.: BH/LON
- Loudon, Irving, *Western Medicine: An Illustrated History* (Oxford: Oxford University Press, 1997). Student Loan: /LOU. Historical Coll.: BA/LOU
- Nutton, Vivian, *From Democedes to Harvey* (London: Variorum, 1988)  
Student Loan: /NUT. Historical Coll.: BA/NUT
- Phillips, E.D., *Greek Medicine* (London: Thames and Hudson, 1973)  
Student Loan: /PHI. Historical Coll.: BH/PHI
- Plato, *Timaeus*, trans. H.D.P. Lee (Baltimore: Penguin Books, 1965)  
Student Loan: /PLA
- Pliny, *Natural History*, with English trans., 10vols, Loeb series (Cambridge, Mass.: Harvard University Press, 1949-62). Historical Coll.: AN.AA1
- Porter, Roy (ed.), *Patients and Practitioners: Lay Perceptions of Medicine in Preindustrial Society* (Cambridge: Cambridge University Press, 1985), Student Loan: /POR. Historical Coll.: CB.U
- Rawson, Elizabeth, *Intellectual Life in the Late Roman Republic* (London: Duckworth, 1988)  
Historical Coll.: ZE.AA1
- Smith, Wesley, D., *The Hippocratic Tradition* (Ithaca, NY: Cornell University Press, 1979)  
Student Loan: /SMI. Historical Coll.: BJK/SMI
- Soranus, *Gynaecology*, translated by Owsei Temkin (Baltimore: The Johns Hopkins University Press 1956).  
Historical Coll.: UA.AA1
- Temkin, Owsei, *Galenism: Rise and Decline of a Medical Philosophy* (Ithaca, NY: Cornell University Press, 1973). Student Loan: /TEM. Historical Coll.: BK/TEM
- Temkin, Owsei, *Hippocrates in a World of Pagans and Christians* (Baltimore: The Johns Hopkins University Press, 1991). Student Loan: /TEM. Historical Coll.: BH/TEM
- Temkin, Owsei, *The Double Face of Janus* (Baltimore: The Johns Hopkins University Press, 1977). Student Loan: /TEM. Historical Coll.: BA.AH
- Vallance, John, *The Lost Theory of Asclepiades of Bithynia* (Oxford: Clarendon Press, 1990)  
Historical Coll.: BJK/VAL
- Van der Eijk, P. J., ed., *Ancient History of Medicine* (Leiden; Brill, 1999), Historical Coll: BJK/AH
- von Staden, Heinrich, *Herophilus: The Art of Medicine in Early Alexandria* (Cambridge: Cambridge University Press, 1989), Historical Coll.: BJK/STA
- Wear, Andrew (ed.), *Medicine and Society: Historical Essays* (Cambridge: Cambridge University Press, 1992).  
Student Loan: /WEA, Historical Coll.: BA.U
- Wear, Andrew, et al. (eds), *Doctors and Ethics: The Earlier Historical Setting of Professional Ethics* (Amsterdam: Rodopi, 1993). Student Loan: /WEA, Historical Coll.: CBE

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**Part II: *Middle Ages and Renaissance***

11	November	Medicine under Islam
14	November	Religion and Medicine
18	November	The Origins and Development of Hospitals
21	November	Medical Education
25	November	State Control and the Medical Profession
28	November	The Impact of Plague
2	December	Medical Humanism and Renaissance Botany
5	December	Vesalius and Renaissance Anatomy
9	December	Paracelsus
12	December	Harvey

**Note:** A special revision session, including some of the treasures of the library, will be arranged in Term 3. Details will be sent out once exam dates are known.

### General Primary Sources:

Edward Grant, *A Source Book in Medieval Science*

### General Secondary Sources:

\*\*\* Conrad et al. *The Western Medical Tradition*, chp. 5

\*\* Siraisi, *Medieval and Early Renaissance Medicine*

\* Katharine Park, 'Medicine and Society in Medieval Europe', in Wear, *Medicine in Society*, 59-90

Michael R. McVaugh, 'Medicine in the Latin Middle Ages', in Loudon, *Western Medicine*, 54-65

Talbot, *Medicine in Medieval England*

Jones, *Medieval Medicine in Illuminated Manuscripts*

Lindberg, *Beginnings of Western Science*, chp. 13

Rawcliffe, *Medicine and Society in later medieval England*

### Early Medieval Medicine

Charles H. Talbot, 'Some Notes on Anglo-Saxon Medicine', *Medical History*, 1965, 9: 156-69 [C20/TAL]

Cameron, *Anglo-Saxon Medicine*, 5-34

Peregrine Horden, E. Savage-Smith, *The Year 1000, First Millennium, Social History of Medicine 13*, 2000, 197-321

### Religion and Medicine

\* Darrel W. Amundsen, 'Medicine and Faith in Early Christianity', *Bulletin of the History of Medicine*, 1982, 56: 326-50 [reprinted in Amundsen, *Medicine, Society and Faith in the Ancient and Medieval Worlds*, chp. 5 and C20/AMU]

\* Lindberg, *Beginnings of Western Science*, 149-159

Edelstein, *Ancient Medicine*, 205-246

Gary B. Ferngren, 'Early Christianity as a Religion of Healing', *Bulletin of the History of Medicine*, 1992, 66: 1-15

Kee, *Medicine, Miracle and Magic in New Testament Times*, 1-26 and 70-94 (for healing in the Old and New Testaments)

Temkin, *Hippocrates in a World of Pagans and Christians*, esp. parts 3, 4 and 7

### Hospitals

\* Carole Rawcliffe, 'The Hospitals of Later Medieval London', *Medical History*, 1984, 28: 1-21 [C20/RAW]

\* Martha Carlin, 'Medieval English Hospitals', in Granshaw and Porter, *The Hospital in History*, 21-40

\* Peregrine Horden, 'A Discipline of Relevance: The Historiography of the Later Medieval Hospital', *Social History of Medicine*, 1988, 1: 359-374

Miri Rubin, 'Revolution and Change in English Hospitals, 1100-1500', in Granshaw and Porter, *The Hospital in History*, 41-60

Katharine Park and John Henderson, 'The First Hospital among Christians: the Ospedale di Santa Maria Nuova in Early Sixteenth-Century Florence', *Medical History*, 1991, 35: 164-180

Miller, *Birth of the Hospital in the Byzantine Empire*, chps 2-3

Sami Hamarneh, 'Development of Hospitals in Islam', *Journal of the History of Medicine*, 1962, 17: 366-384 [C20/HAM]

Orme and Webster, *The English Hospital, 1070-1570*, chps 1, 3 and 8

### Arabic Medicine

#### Primary Sources:

\* Max Meyerhof, 'Thirty-Three Clinical Observations of Rhazes', *Isis*, 1935, 23: 321-356 [C20/MEY]

#### Secondary Sources:

\*\*\* Conrad et al., *Western Medical Tradition*, chp. 3

\* Dols, *Medieval Islamic Medicine*, 1-42

\* Emile Savage-Smith, 'Europe and Islam', in Loudon, *Western Medicine*, 40-53

Lawrence Conrad, 'Arabic Medicine', in Bynum and Porter, *Companion Encyclopedia of the History of Medicine*, vol. 1, 676-727

Max Meyerhof, 'New Light on Hunain Ibn Ishaq and his Period', *Isis*, 1926, 8: 685-729 [C20/MEY]

Daniel, *The Arabs and Mediaeval Europe*, chp. 10

Ullmann, *Islamic Medicine*

### Medical Education

- \*\* Siraisi, *Medieval and Renaissance Medicine*, chp. 3
- \* O'Malley (ed.), *The History of Medical Education*, chps 2-4
- \* Temkin, *Double Face of Janus*, 185-193
- \* Jerome J. Bylebyl, 'Padua and Humanistic Medicine', in Webster, *Health, Medicine and Mortality in the Sixteenth Century*, 335-370
- Talbot, *Medieval English Medicine*, 38-71
- Lawn, *The Salernitan Questions*, chp. 2
- Jacquart and Thomasset, *Sexuality and Medicine in the Middle Ages*, 32-47
- Nutton and Porter (eds), *The History of Medical Education in Britain* (Amsterdam: Rodopi, 1996), essays by Getz, Jones, and Pelling
- L. Garc  ar-Ballester, 'The New Galen' in K.D. Fischer, ed., *Text and Tradition: Studies in Ancient Medicine and its Transmission*, 1998, 55-83

## **Plague**

- \* Ziegler, *The Black Death*
- \* Richard Palmer, 'The Church, Leprosy, and Plague in Medieval and Early Modern Europe', in Sheils, *The Church and Healing*, 79-101
- \* Paul Slack, 'The Disappearance of Plague: An Alternative View', *Economic History Review*, 1981, 34: 469-76 [C20/SLA]
- \* Cipolla, *Fighting the Plague in Seventeenth-Century Italy*, 3-85
- Cipolla *Cristofano and the Plague*, 15-124
- Cipolla, *Miasmas and Disease*
- Slack, *The Impact of Plague on Tudor and Stuart England*
- Wilson, *Plague in Shakespeare's London*, 113
- McNeill, *Plagues and Peoples*, esp. chp. 4
- Local Population Studies, *The Plague Reconsidered*
- Arrizabalaga et al., *The Great Pox*, chps 1 and 9

## **Public Control and the Medical Profession**

- \* Margaret Pelling and Charles Webster, 'Medical Practitioners', in Webster, *Health, Medicine and Mortality*, 165-236
- Gweneth Whitteridge, 'Some Italian Precursors of the Royal College of Physicians', *Journal of the Royal College of Physicians*, 1977, 72: 67-80 [C20/WHI]
- Clark, *A History of the Royal College of Physicians*, 8-18, 25-29, 55-67
- Cipolla, *Public Health and the Medical Profession*, 11-66
- R.S. Roberts, 'The Personnel and Practice of Medicine in Tudor and Stuart England. Part 2: London', *Medical History*, 1964, 8: 217-234 [C20/ROB]
- Nutton, *From Democedes to Harvey*, chp. 6
- Park, *Doctors and Medicine in Early Renaissance Florence*
- M. Pelling, *The Common Lot; Sicknes, Medical Occupation and the Urban Poor in Early Modern England*.
- Rawcliffe, ch. 5-7

## **Renaissance Medicine**

- \* Katharine Park, 'Medicine and the Renaissance', in Loudon, *Western Medicine*, 66-79
- \* Wear et al. (eds), *The Medical Renaissance of the Sixteenth Century*, introduction
- Andrew Wear, 'Explorations in Renaissance Writings on the Practice of Medicine', in Wear et al., *The Medical Renaissance of the Sixteenth Century*, chp. 6
- Cunningham, *The Anatomical Renaissance*, esp. part I.
- \* I.M. Lonie, 'The "Paris Hippocratics": Teaching and Research in Paris in the Second Half of the Sixteenth Century', in Wear et al., *The Medical Renaissance of the Sixteenth Century*, chp. 8
- Vivian Nutton, 'The Rise of Medical Humanism: Ferrara, 1464-1555', *Renaissance Studies*, 1997, 11: 1-19
- Vivian Nutton, 'Medicine in the Age of Montaigne', in Cameron, *Montaigne and His Age*, 15-25, 159-170

## **Renaissance Botany and Pharmacology**

### *Primary Sources:*

Gerard, *The Herbal*

Orta, *Simples and Drugs of India*

### *Secondary Sources:*

\* Karen Meier Reeds, 'Renaissance Humanism and Botany', *Annals of Science*, 1976, 33: 519-542 [C20/REE]

Debus, *Man and Nature in the Renaissance*, chp. 3

Richard Palmer, 'Pharmacy in the Republic of Venice', in Wear et al., *The Medical Renaissance of the Sixteenth Century*, chp. 5

Richard Palmer, 'Medical Botany in Northern Italy in the Renaissance', *Journal of the Royal Society of Medicine*, 1985, 78: 149-57

Thorndike, *A History of Magic Science*, vol. 4, chp. 66; vol. 5, chp. 20; vol. 6, chp 38

## **Vesalius and Renaissance Anatomists**

\* Kenneth D. Keele, 'Leonardo da Vinci's Influence on Renaissance Anatomy', *Medical History*, 1964, 8: 360-370 [C20/KEE]

\* Martin Kemp, 'The Mark of Truth', in Bynum and Porter, *Medicine and the Five Senses*, 85-103

O'Malley, *Andreas Vesalius of Brussels*, esp. 17-20, 47-61; and chps 6 and 11

Andrew Wear, 'The Spleen in Renaissance Anatomy', *Medical History*, 1977, 21: 43-60 [C20/WEA]

Andrew Cunningham, 'Fabricius', in Wear et al., *The Medical Renaissance of the Sixteenth Century*, chp. 10

Cunningham, *The Anatomical Renaissance*, esp. part 1

Lind, *Studies in Pre-Vesalian Anatomy*

French, *Dissection and Vivisection in the European Renaissance*

## **Paracelsus**

\* Paracelsus, *Paracelsus: Essential Readings*, introduction

\* Walter Pagel, *Dictionary of Scientific Biography*, vol. 10, 304-313, s.v. Paracelsus

\* Temkin, *Double Face of Janus*, chp. 15

Pachter, *Magic into Science*

Walter Pagel and Pyrali Rattansi, 'Vesalius and Paracelsus', *Medical History*, 1964, 8: 309-328

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